## DC ELECTRIC LEAKAGE DETECTOR

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- european:

Application number:

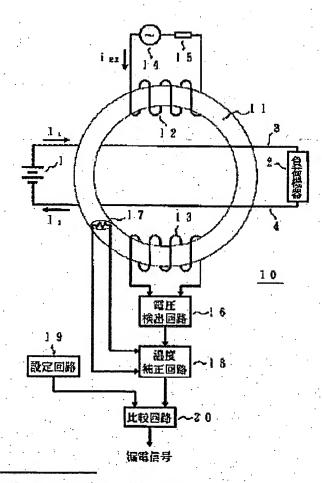
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## Abstract of JP2003262655

<P>PROBLEM TO BE SOLVED: To provide a DC electric leakage detector which is suitable for a wide application of an ambient temperature changing range using a simple structure. <P>SOLUTION: The DC electric leakage detector 10 comprises a core 11 magnetized by a differential current between a connecting cable 3 and a connecting cable 4 from a DC power source 1 to a load device 2, an exciting winding 12 and a detecting winding 13 wound on the core 11, an AC output circuit 14, a load resistor 15, a voltage detector circuit 16, a temperature sensor 17, a temperature correction circuit 18, a setting circuit 19, and a comparator circuit 20. In this detector 10, the output value of the detector circuit 16 is: corrected, corresponding to the change of the ambient temperature by the sensor 17 and the correction circuit 18. <P>COPYRIGHT: (C) 2003,JPO



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